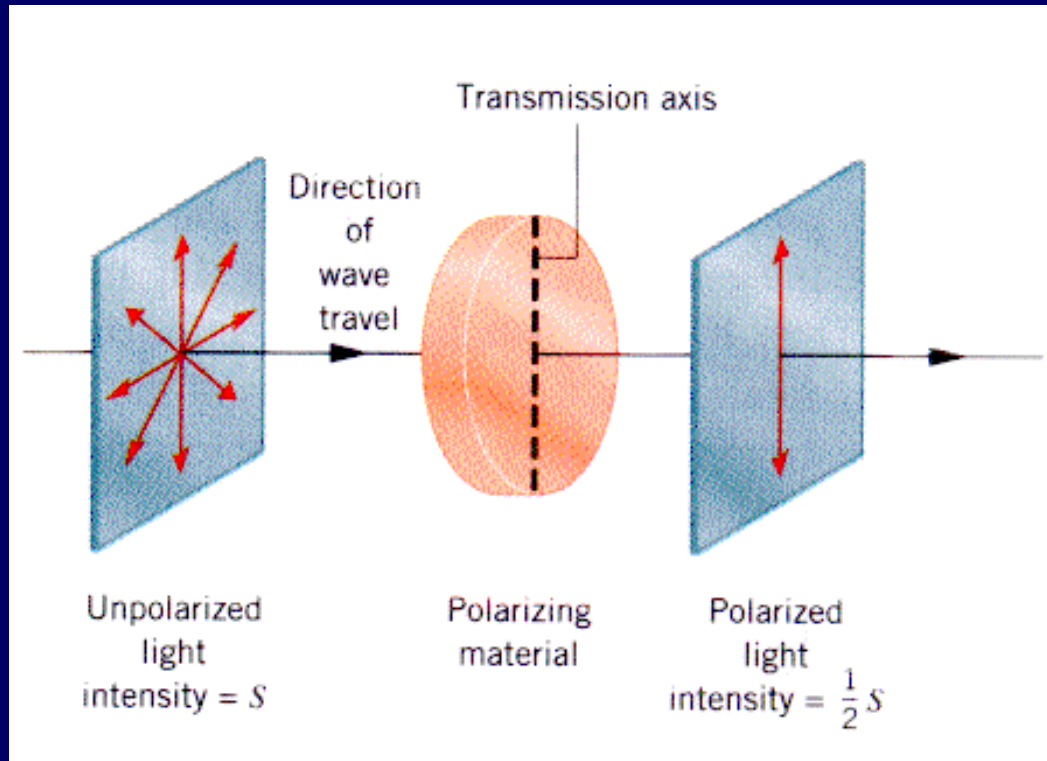
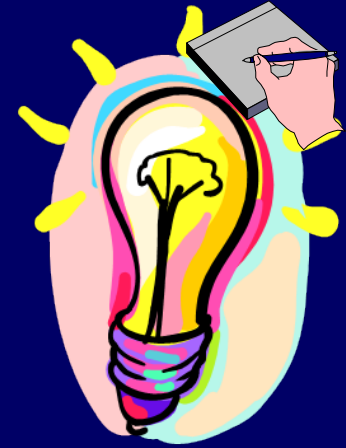


Unpolarized Light on Linear Polarizer



- Most light comes from electrons accelerating in random directions and is unpolarized.
- Averaging over all directions:

$$S_{\text{transmitted}} = \frac{1}{2} S_{\text{incident}}$$

Always true for unpolarized light!